

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A user interface for use with a computer, comprising:

an at least partially transparent roller;

a touch pad adjacent to the roller; and

a sensor system, associated with the ~~transparent~~ roller, operable in a first mode to sense ~~the~~ an image of a fingerprint and operable in a second mode to sense ~~the~~ rotational motion of the roller.

2. (Canceled)

3. (Currently Amended) A user interface as claimed in ~~claim 2, wherein~~  
~~the at least one manually actuatable element comprises~~ claim 1, further comprising:  
a button.

4. (Currently Amended) A user interface as claimed in ~~claim 2, wherein~~  
~~the at least one manually actuatable element comprises~~ claim 1, further comprising:  
a pair of buttons located on opposite sides of the roller.

5. (Currently Amended) A user interface as claimed in ~~claim 2, wherein~~  
~~the at least one manually actuatable element comprises~~ claim 1, further comprising:  
a plurality of keys together defining a keyboard;  
wherein the roller is located between the touch pad and the keyboard.

6. (Canceled)

7. (Original) A user interface as claimed in claim 1, wherein the sensor system includes a light sensor and a light source that emits light which passes through the roller.

8. (Canceled)

9. (Currently Amended) A user interface for use with a computer, comprising:

an at least partially transparent roller;

a light source that emits light which passes through the roller;

a light sensor that receives reflected light;

a rotational motion sensor associated with the roller that senses rotational motion of the roller;

a touch pad adjacent to the roller; and

a control system, associated with the light source, light sensor and rotational motion sensor, the control system being operable in a first mode to enable operation of the light source, light sensor and rotation motion sensor and operable in a second mode to enable operation of the rotation motion sensor and disable operation of at least one of the light source and at least a portion of the light sensor.

10. (Canceled)

11. (Currently Amended) A user interface as claimed in ~~claim 10, wherein the at least one manually actuatable element comprises~~ claim 9, further comprising:

a button.

12. (Currently Amended) A user interface as claimed in ~~claim 10, wherein the at least one manually actuatable element comprises~~ claim 9, further comprising:

a pair of buttons located on opposite sides of the roller.

13. (Currently Amended) A user interface as claimed in ~~claim 10, wherein~~  
~~the at least one manually actuatable element comprises~~ claim 9, further comprising:

a plurality of keys together defining a keyboard;

wherein the roller is located between the touch pad and the keyboard.

14. (Canceled)

15. (Canceled)

16. (Currently Amended) A computer system, comprising:

a user interface including an at least partially transparent roller and a  
touch pad adjacent to the roller;

an image sensor associated with the roller that senses ~~the~~ an image of  
a fingerprint and generates fingerprint image data;

a rotational motion sensor associated with the roller that senses  
rotational motion of the roller and generates roller motion data; and

a control system associated with the image sensor and rotational  
motion sensor, the control system being operable in a first mode to convert the  
fingerprint image data and rotational motion data into data representative of the  
scanned fingerprint and operable in second mode to control an operation of the  
computer system in response to the roller motion data.

17. (Original) A computer system as claimed in claim 16, wherein the  
control system comprises at least one processor.

18. (Original) A computer system as claimed in claim 17, further  
comprising:

a computer housing in which the processor is located.

19. (Original) A computer system as claimed in claim 18, further  
comprising:

a display pivotably connected to the computer housing.

20. (Original) A computer system as claimed in claim 18, wherein the user interface is mounted on the computer housing.

21. (Canceled)

22. (Original) A computer system as claimed in claim 16, wherein the user interface includes a touch pad and buttons.

23. (Currently Amended) A computer system as claimed in claim 16, wherein the user interface includes a keyboard and the roller is located between the touch pad and the keyboard.

24. (Original) A computer system as claimed in claim 16, wherein the image sensor comprises:

a light source that emits light which passes through the roller; and  
a light sensor that receives light reflected through the roller.

25. (Currently Amended) A computer system as claimed in claim 24, wherein the control system disables at least one of the light source and at least a portion of the light sensor in the ~~first~~ second mode.

26. (Original) A computer system as claimed in claim 16, wherein the operation of the computer system comprises a scrolling operation.

27-29. (Canceled)

30. (New) A user interface as claimed in claim 1, further comprising:  
a pair of buttons;  
wherein the touch pad is located between the buttons and the roller.

31. (New) A user interface as claimed in claim 9, further comprising:  
a pair of buttons;  
wherein the touch pad is located between the buttons and the roller.